**Student Activity Sheet 3**

**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class\_\_\_\_\_\_\_\_\_\_\_**

1. Imagine for a moment a whale as a two-dimensional object lying flat on a piece of paper. How could you find the area of that whale? Explain what your procedure would be.
2. Using a piece of centimetre grid paper, make a scale drawing of each type of whale and then calculate its area. List your answers in the table below.

**Whale's Area**

|  |  |  |
| --- | --- | --- |
| **Whales** | **Area**  **(squ cm)** | **Area**  **(squ metres)** |
| **Humpback Whale** |  |  |
| **Southern Right Whale** |  |  |
| **Killer Whale** |  |  |

1. Measure the area of the floor in your classroom.

**Area of Classroom**

|  |  |  |
| --- | --- | --- |
|  | **Area**  **(squ cm)** | **Area**  **(squ metres)** |
| **Your**  **Classroom** |  |  |

1. How many classroom floors would it take to approximately equal the area of each type of whale?

Humpback: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Southern Right: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Killer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_